

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-17 (Canceled).

Claim 18 (Currently Amended): A mail delivery system ~~that receives an alias mail having an alias address different from a recipient address as a destination and replaces the destination with the recipient address to transfer the alias mail and receives a reply mail responding to the alias mail and replaces the recipient address with the alias address as a transmission source of the reply mail to transfer the reply mail, the mail delivery system~~ comprising:

an alias mail processing unit that receives ~~restores, when~~ an alias mail addressed from an originator address to having an alias address generated from a [[the]] recipient address and a predetermined generation argument ~~as a destination is received, restores~~ the recipient address and the generation argument from the alias address, replaces the alias address in the alias mail destination of the alias mail with the restored recipient address, and replaces the originator address in the alias mail with a reply destination address generated from the restored generation argument and the originator address includes the generation argument in the alias mail to transfer [[to]] the alias mail to the recipient address; and

a reply mail processing unit that receives ~~acquires, when~~ a reply mail addressed from the recipient address to the reply destination address responding to the alias mail transferred by the alias mail processing unit ~~is received, acquires the originator address and the~~ generation argument from the reply destination address [[mail]], regenerates the alias address from the acquired generation argument and the [[a]] recipient address ~~indicating a transmission source of the reply mail, replaces the reply destination address in the reply mail~~

with the acquired originator address, and replaces the recipient address in the reply mail  
~~transmission source of the reply mail~~ with the regenerated alias address regenerated to  
transfer the reply mail to the originator address.

Claim 19 (Currently Amended): The mail delivery system according to claim 18,  
wherein

the alias mail processing unit includes:

a recipient address restoring unit that restores, when the alias mail is received,  
the recipient address and the generation argument from the alias address;

a reply destination address generating unit that generates the [[a]] reply  
destination address including the generation argument restored by the recipient  
address restoring unit and the [[an]] originator address indicating a transmission  
source of the alias mail; and

an alias mail transfer unit that replaces the destination of the alias mail with  
the recipient address restored by the recipient address restoring unit and replaces the  
transmission source of the alias mail with the reply destination address generated by  
the reply destination address generating unit to transfer the alias mail, and  
the reply mail processing unit includes:

an originator address restoring unit that restores, when the reply mail is  
received, the originator address and the generation argument from the reply  
destination address that is a destination of the reply mail;

an alias address regenerating unit that regenerates the alias address from the  
generation argument restored by the originator address restoring unit and the recipient  
address indicating the transmission source of the reply mail; and

a reply mail transfer unit that replaces the destination of the reply mail with the originator address restored by the originator address restoring unit and replaces the transmission source of the reply mail with the alias address regenerated by the alias address regenerating unit to transfer the reply mail.

Claim 20 (Previously Presented): The mail delivery system according to claim 19, wherein

the generation argument is information indicating transfer conditions that the alias mail transferred to the recipient should satisfy,

the alias mail processing unit further includes a transfer possibility judging unit that judges whether the alias mail satisfies transfer conditions restored by the recipient address restoring unit, and

the alias mail transfer unit transfers only an alias mail that is judged by the transfer possibility judging unit as satisfying the transfer conditions.

Claim 21 (Previously Presented): The mail delivery system according to claim 20, wherein

the transfer conditions are transfer conditions that can be updated according to transfer of the alias mail,

the alias mail processing unit further includes a transfer conditions updating unit that updates, when it is judged by the transfer possibility judging unit that the transfer conditions are satisfied, the transfer conditions to generate the generation argument anew, and

the reply destination address generating unit generates a reply destination address including the generation argument generated anew by the transfer conditions updating unit instead of the generation argument restored by the recipient address restoring unit.

Claim 22 (Previously Presented): The mail delivery system according to claim 20,  
wherein

the transfer conditions are transfer conditions that can be updated according to  
reception of the alias mail,

the reply mail processing unit further includes a transfer conditions updating unit that  
updates the transfer conditions restored by the originator address restoring unit to generate  
the generation argument anew, and

the alias address regenerating unit regenerates an alias address including the  
generation argument generated anew by the transfer condition updating unit instead of the  
generation argument restored by the originator address restoring unit.

Claim 23 (Currently Amended): A mail transfer system that transfers a mail using a  
recipient alias address generated from a recipient address and a predetermined recipient  
generation argument and an originator alias address generated from an originator address and  
a predetermined originator generation argument, the mail transfer system comprising:

a first mail processing unit that receives ~~restores, when~~ a mail addressed from the  
originator address to ~~having with~~ a recipient reply destination address generated from the  
recipient alias address and the originator generation argument ~~as a destination is received,~~  
restores the recipient alias address and the originator generation argument from the recipient  
reply destination address, regenerates the originator alias address from the restored originator  
generation argument and the originator address ~~indicating a transmission source of the mail,~~  
and replaces the recipient reply destination address in ~~destination and the transmission source~~  
~~of the mail with the recipient alias address and~~ the originator address in the mail with the  
regenerated originator alias address to transfer the mail;

a second mail processing unit that receives ~~restores, when the~~ [[a]] mail addressed from the originator alias address to the recipient alias address ~~having the recipient alias address and the originator alias address as a destination and a transmission source is received,~~ restores the recipient address and the recipient generation argument from the recipient alias address, generates an originator reply destination address from the restored recipient generation argument and the originator alias address, and replaces the recipient alias address in the mail ~~destination and the transmission source of the mail~~ with the recipient address and the originator alias address in the mail with the generated originator reply destination address to transfer the mail to the recipient address;

a third mail processing unit that receives ~~restores, when~~ a reply mail addressed from the recipient address to ~~having the originator reply destination address and the recipient address as a destination and a transmission source is received,~~ restores the originator alias address and the recipient generation argument from the originator reply destination address, regenerates the recipient alias address from the restored recipient generation argument and the recipient address, and replaces the originator reply destination address ~~the destination and the transmission source of the mail~~ with the originator alias address and the recipient address in the reply mail with the recipient alias address to transfer the mail; and

a fourth mail processing unit that receives ~~restores, when~~ a reply mail addressed from the recipient alias address to ~~having the originator alias address and the recipient alias address as a destination and a transmission source is received,~~ restores the originator address and the originator generation argument from the originator alias address, generates the [[a]] recipient reply destination address from the restored originator generation argument and the recipient alias address, and replaces the originator alias address in ~~destination and the transmission source of the~~ reply mail with the originator address and the recipient alias address in the reply mail with the recipient reply destination address to transfer the mail to the originator address.

Claim 24 (Currently Amended): The mail transfer ~~delivery~~ system according to claim 23, wherein

the recipient generation argument is information indicating transfer conditions that the mail transferred to the recipient should satisfy and the originator generation argument is information indicating transfer conditions that the mail transferred to the originator should satisfy,

the second mail processing unit judges whether the mails satisfy transfer conditions related to the recipient generation argument restored from the recipient alias address and transfers only a mail that satisfies the transfer conditions, and

the fourth mail processing unit judges whether the mails satisfy transfer conditions related to the originator generation argument restored from the originator alias address and transfers only a mail that satisfies the transfer conditions.

Claim 25 (Currently Amended): A mail delivering method ~~for receiving an alias mail having an alias address different from a recipient address as a destination and replacing the destination with the recipient address to transfer the alias mail, and for receiving a reply mail responding to the alias mail and replacing the recipient address with the alias address as a transmission source of the reply mail to transfer the reply mail,~~ the mail delivering method comprising:

alias mail processing including:

receiving processing an alias mail addressed from an originator address to ~~for restoring, when an alias mail having~~ an alias address generated from a [[the]] recipient address and a predetermined generation argument ~~as a destination is received,~~

restoring the recipient address and the generation argument from the alias address, and

replacing the alias address in the alias mail with the restored recipient address,  
and the originator address in the alias mail with a reply destination address generated  
from the restored generation argument and the originator address ~~destination of the~~  
~~alias mail with the recipient address, and including the generation argument in the~~  
~~alias mail~~ to transfer to alias mail to the recipient address; and  
reply mail processing including:

receiving processing a reply mail addressed from the recipient address to the  
reply destination address ~~for acquiring, when a reply mail~~ responding to the alias mail  
~~transferred by the alias mail processing unit is received,~~

acquiring the originator address and the generation argument from the reply  
destination address in the reply mail [[mail]],

regenerating the alias address from the acquired generation argument and the  
[[a]] recipient address in the reply mail ~~indicating a transmission source of the reply~~  
~~mail,~~ and

replacing the reply destination address in the reply mail with the acquired  
originator address, and the recipient address in the reply mail ~~the transmission source~~  
~~of the reply mail~~ with the regenerated alias address to transfer the reply mail to the  
originator address.

Claim 26 (Canceled).

Claim 27 (Currently Amended): The mail delivering method according to claim 25  
~~claim 26~~, wherein

the generation argument is information indicating transfer conditions that the alias  
mail transferred to the recipient should satisfy,

the processing of the alias mail further includes a transfer possibility judging unit that judges whether the alias mail satisfies transfer conditions restored by the recipient address restoring step, and

the transferring of the alias mail transfers only an alias mail that is judged by the transfer possibility judging step as satisfying the transfer conditions.

Claim 28 (Currently Amended): A mail transferring method for transferring a mail using a recipient alias address generated from a recipient address and a predetermined recipient generation argument and an originator alias address generated from an originator address and a predetermined originator generation argument, the mail transfer method comprising:

first mail processing including:

receiving processing a first mail for restoring, when a mail addressed from the originator address to having with a recipient reply destination address generated from the recipient alias address and the originator generation argument as a destination is received,

restoring the recipient alias address and the originator generation argument from the recipient reply destination address,

regenerating the originator alias address from the restored originator generation argument and the originator address ~~indicating a transmission source of the mail,~~ and

replacing the recipient reply destination address in destination and the transmission source of the mail with the recipient alias address and the originator address in the mail with the regenerated originator alias address to transfer the mail;



second mail processing including:

receiving processing a second mail for restoring, when a the a mail addressed  
from the originator alias address to the recipient alias address having the recipient  
alias address and the originator alias address as a destination and a transmission  
source is received,

restoring the recipient address and the recipient generation argument from the  
recipient alias address,

generating an originator reply destination address from the restored recipient  
generation argument and the originator alias address, and

replacing the recipient alias address in the mail destination and the  
transmission source of the mail with the recipient address and the originator alias  
address in the mail with the generated originator reply destination address to transfer  
the mail to the recipient address;

third mail processing including:

receiving processing a third mail for restoring, when a reply mail addressed  
from the recipient address to having the originator reply destination address and the  
recipient address as a destination and a transmission source is received,

restoring the originator alias address and the recipient generation argument  
from the originator reply destination address,

regenerating the recipient alias address from the restored recipient generation  
argument and the recipient address, and

replacing the originator reply destination address the destination and the  
transmission source of the mail with the originator alias address and the recipient  
address in the reply mail with the recipient alias address to transfer the mail; and

fourth mail processing including:

receiving processing a fourth mail for restoring, when a reply mail addressed from the recipient alias address to having the originator alias address and the recipient alias address as a destination and a transmission source is received,

restoring the originator address and the originator generation argument from the originator alias address,

generating the [[a]] recipient reply destination address from the restored originator generation argument and the recipient alias address, and

replacing the originator alias address in the destination and the transmission source of the reply mail with the originator address and the recipient alias address in the reply mail with the recipient reply destination address to transfer the reply mail to the originator address.

Claim 29 (Currently Amended): The mail transferring delivering method according to claim 28, wherein

the recipient generation argument is information indicating transfer conditions that the mail transferred to the recipient should satisfy and the originator generation argument is information indicating transfer conditions that the mail transferred to the originator should satisfy,

the processing of the second mail judges whether the mails satisfy transfer conditions related to the recipient generation argument restored from the recipient alias address and transfers only a mail that satisfies the transfer conditions, and

the processing of the fourth mail judges whether the mails satisfy transfer conditions related to the originator generation argument restored from the originator alias address and transfers only a mail that satisfies the transfer conditions.

Claim 30 (Currently Amended): A computer readable storage medium containing instructions that, when executed by a computer, causes the computer to perform; mail delivering program that causes a computer to receive an alias mail having an alias address different from a recipient address as a destination and replace the destination with the recipient address to transfer the alias mail, and to receive a reply mail responding to the alias mail and replace the recipient address with the alias address as a transmission source of the reply mail to transfer the reply mail, the mail delivering program comprising:

alias mail processing including:

receiving an alias mail addressed from an originator address to an alias address generated from a recipient address and a predetermined generation argument,

restoring the recipient address and the generation argument from the alias address, and

replacing the alias address in the alias mail with the restored recipient address, and the originator address in the alias mail with a reply destination address generated from the restored generation argument and the originator address to transfer the alias mail to the recipient address; and

reply mail processing including:

receiving a reply mail address from the recipient address to the reply destination address responding to the alias mail transferred,

acquiring the originator address and the generation argument from the reply destination address in the reply mail,

regenerating the alias address from the acquired generation argument and the recipient address in the reply mail, and

replacing the reply destination address in the reply mail with the acquired  
originator address, and the recipient address in the reply mail with the regenerated  
alias address to transfer the reply mail to the originator address

~~an alias mail processing procedure for restoring, when an alias mail having an alias  
address generated from the recipient address and a predetermined generation argument as a  
destination is received, the recipient address and the generation argument from the alias  
address, replacing the destination of the alias mail with the recipient address, and including  
the generation argument in the alias mail to transfer to alias mail; and~~

~~a reply mail processing procedure for acquiring, when a reply mail responding to the  
alias mail transferred by the alias mail processing unit is received, the generation argument  
from the reply mail, regenerating the alias address from the generation argument and a  
recipient address indicating a transmission source of the reply mail, and replacing the  
transmission source of the reply mail with the alias address to transfer the reply mail.~~

Claim 31 (Canceled).

Claim 32 (Currently Amended): The computer readable storage medium ~~mail~~  
~~delivering program~~ according to claim 30 ~~claim 31~~, wherein

the generation argument is information indicating transfer conditions that the alias  
mail transferred to the recipient should satisfy,

the alias mail processing procedure further includes a transfer possibility judging unit  
that judges whether the alias mail satisfies transfer conditions restored by the recipient  
address restoring unit, and

the alias mail transferring procedure transfers only an alias mail that is judged by the  
transfer possibility judging unit as satisfying the transfer conditions.

Claim 33 (Currently Amended): A computer readable storage medium containing instructions that, when executed by a computer, causes the computer to perform: mail transferring program that causes a computer to transfer a mail using a recipient alias address generated from a recipient address and a predetermined recipient generation argument and an originator alias address generated from an originator address and a predetermined originator generation argument, the mail transfer system comprising:

a first mail processing including:

receiving a mail addressed from an originator address to a recipient reply destination address generated from a recipient alias address and a originator generation argument,

restoring the recipient alias address and the originator generation argument from the recipient reply destination address,

regenerating an originator alias address from the restored originator generation argument and the originator address, and

replacing the recipient reply destination address in the mail with the recipient alias address and the originator address in the mail with the regenerated originator alias address to transfer the mail;

second mail processing including:

receiving a mail addressed from the originator alias address to the recipient alias address,

restoring a recipient address and a recipient generation argument from the recipient alias address,

generating an originator reply destination address from the restored recipient generation argument and the originator alias address, and

replacing the recipient alias address in the mail with the recipient address and the originator alias address in the mail with the originator reply destination address generated to transfer the mail to the recipient address;

third mail processing including:

receiving a reply mail addressed from the recipient address to the originator reply destination address,

restoring the originator alias address and the recipient generation argument from the originator reply destination address,

regenerating the recipient alias address from the restored recipient generation argument and the recipient address, and

replacing the originator reply destination address with the originator alias address and the recipient address in the reply mail with the recipient alias address to transfer the mail; and

fourth mail processing including:

receiving a reply mail addressed from the recipient alias address to the originator alias address,

restoring the originator address and the originator generation argument from the originator alias address,

generating the recipient reply destination address from the restored originator generation argument and the recipient alias address, and

replacing the originator alias address in the reply mail with the originator address and the recipient alias address in the reply mail with the recipient reply destination address to transfer the reply mail to the originator address

~~a first mail processing procedure for restoring, when a mail having with a recipient reply destination address generated from the recipient alias address and the originator~~

~~generation argument as a destination is received, the recipient alias address and the originator generation argument from the recipient reply destination address, regenerating the originator alias address from the originator generation argument and the originator address indicating a transmission source of the mail, and replacing the destination and the transmission source of the mail with the recipient alias address and the originator alias address to transfer the mail;~~

~~a second mail processing procedure for restoring, when a mail having the recipient alias address and the originator alias address as a destination and a transmission source is received, the recipient address and the recipient generation argument from the recipient alias address, generating an originator reply destination address from the recipient generation argument and the originator alias address, and replacing the destination and the transmission source of the mail with the recipient address and the originator reply destination address to transfer the mail;~~

~~a third mail processing procedure for restoring, when a reply mail having the originator reply destination address and the recipient address as a destination and a transmission source is received, the originator alias address and the recipient generation argument from the originator reply destination address, regenerating the recipient alias address from the recipient generation argument and the recipient address, and replacing the destination and the transmission source of the mail with the originator alias address and the recipient alias address to transfer the mail; and~~

~~a fourth mail processing procedure for restoring, when a reply mail having the originator alias address and the recipient alias address as a destination and a transmission source is received, the originator address and the originator generation argument from the originator alias address, generating a recipient reply destination address from the originator generation argument and the recipient alias address, and replacing the destination and the~~

~~transmission source of the mail with the originator address and the recipient reply destination address to transfer the mail.~~

Claim 34 (Currently Amended): The computer readable storage medium mail transferring program according to claim 33, wherein

the recipient generation argument is information indicating transfer conditions that the mail transferred to the recipient should satisfy and the originator generation argument is information indicating transfer conditions that the mail transferred to the originator should satisfy,

the second mail processing procedure judges whether the mails satisfy transfer conditions related to the recipient generation argument restored from the recipient alias address and transfers only a mail that satisfies the transfer conditions, and

the fourth mail processing procedure judges whether the mails satisfy transfer conditions related to the originator generation argument restored from the originator alias address and transfers only a mail that satisfies the transfer conditions.